

IN THE CLAIMS

Page 12, line 1, change "Claims" to--What is claimed is--.

Cancel claims 1-11 and add new claims 12-22, reading as follows:

12. (new) A method for producing a light integrator, comprising the following steps for forming a cavity of the integrator having an inner reflective coating:
fabricating at least two parts from which the light integrator can be assembled and whose surfaces, provided as inner sides of the cavity, are exposed;
providing rimless reflective coating of at least the surfaces of the parts as inner sides of the cavity; and
assembling and fastening of the parts.

13. (new) The method for producing a light integrator according to claim 12, wherein fastening is carried out by the following steps:
covering the assembled parts with shrink tubing;
shrinking the tubing until a suitable strength of the cavity integrator is achieved.

14. (new) A light integrator for homogenization of a light bundle entering an input surface and exiting from an output surface, comprising that:
said light integrator has a cavity with an inner reflective coating for conducting light; and
said light integrator being composed of at least two parts whose surfaces, which are exposed prior to assembly and face inward after assembly, are provided with a mirror layer.

15. (new) The light integrator according to claim 14, wherein one part is provided with a projection engaging in a cutout of the other part after assembly.

16. (new) The light integrator according to claim 15, wherein the inner sides and outer sides of the light integrator which form the cavity are planar, the light integrator has the shape of a geometric prism with rectangular bottom and top surfaces

62
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provided as outlet and inlet surfaces, and the projection and cutout are rectangular,
particularly square.

17. (new) The light integrator according to claim 16, wherein the light integrator comprises two T-shaped and two I-shaped side parts.

18. (new) The light integrator according to claim 14, wherein the parts are held together by at least one piece of shrink tubing.

19. (new) The light integrator according to claim 18, wherein shrink tubing is arranged in the middle between the input surface and output surface for holding the parts together.

20. (new) The light integrator according to claim 18, wherein it has two pieces of shrink tubing enclosing the light integrator for holding the parts together in the vicinity of their input surface and output surface.

21. (new) A method of using the light integrator according to claim 14, including the step of homogenizing the light originating from a light source which is provided for the illumination of an electronically controllable matrix for showing image elements.

22. (new) The method according to claim 21, wherein the matrix is a tilting mirror matrix.--

IN THE ABSTRACT OF THE DISCLOSURE

Cancel the present Abstract of the Disclosure and substitute therefor the enclosed Abstract of the Disclosure.

REMARKS

Claims 1-11 have been cancelled and new claims 12-22 have been added.
The amendments to the claims have been made only to improve the form of the claims for examination purposes.